

Docket. No.  
18180.0023



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lawrence K. Lam, et al. :

Application No.: 09/604,662 : Group Art Unit: 2877

Filed: June 27, 2000 : Examiner: S. Turner

For: DUAL ELECTROOPTIC WAVEGUIDE INTERFEROMETER

**RESPONSE**

Assistant Commissioner For Patents  
Washington, D.C. 20231

**REMARKS**

This is responsive to the Office Action having a mailing date of August 27, 2002. In the Office Action, the Examiner rejected claims 20 and 24 under 35 U.S.C. §102(b) as being clearly anticipated by U.S. Patent No. 4,747,688 to Geary ("Geary"). The Examiner also rejected claims 1-6, 13, 14, 16, 17, and 21-23 under 35 U.S.C. §103(a) as being unpatentable over the prior art of Figure 1 in view U.S. Patent No. 5,172,185 to Leuchs ("Leuchs"). Additionally, the Examiner rejected claims 7-12, 15, 18, and 19 under 35 U.S.C. §103(a) as being unpatentable over Leuchs as applied to claims 1-6, 13, 14, 16, 17, and 21-23, and further in view of Geary.

At page 2 of the Office Action, the Examiner rejected claims 20 and 24 under 35 U.S.C. §102(b) as being anticipated by Geary. In support of the rejection, the Examiner asserts that claims 20 and 24 are clearly anticipated by Figures 1 and 2 of Geary. However, contrary to the Examiner's assertion, Geary measures optical coherence between two signals. Optical coherence is a statistical measurement. The measured result is called the visibility (col. 5, lines 30-47).

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PTO/SB/21 (08-00)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/604,662	
	Filing Date	June 27, 2000	
	First Named Inventor	Lawrence Kwong Lam	
	Group Art Unit	2877	
	Examiner Name	S. Turner	
Total Number of Pages in This Submission	4	Attorney Docket Number	18180.0023

ENCLOSURES (check all that apply)		
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Firm or Individual name	John P. Moran, Registration No. 30,906
Signature	<i>John P. Moran</i>
Date	October 21, 2002

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